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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/073,850	02/11/2002	Jun Li	10015452	6650

7590 03/17/2006

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER

RUTTEN, JAMES D

ART UNIT	PAPER NUMBER
2192	

DATE MAILED: 03/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Interview Summary</b>	Application No. 10/073,850	Applicant(s) LI ET AL.	
	Examiner J. Derek Rutten	Art Unit 2192	

All participants (applicant, applicant's representative, PTO personnel):

(1) J. Derek Rutten. (3) \_\_\_\_\_

(2) Tiep Nguyen, Reg. No. 44,465. (4) \_\_\_\_\_

Date of Interview: 09 March 2006.

Type: a) ☐ Telephonic b) ☐ Video Conference  
c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☒ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.  
If Yes, brief description: \_\_\_\_\_

Claim(s) discussed: 1, 22.

Identification of prior art discussed: Bulatov.

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

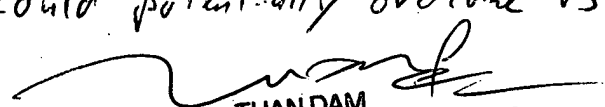
Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: \_\_\_\_\_

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

*Discussed support for cl. 22 in IP [0187 + [0190]. Examiner does not believe that "display device" queries for identifier*

*Discussed two trees in Bulatov. It was agreed that <sup>indifferent trees</sup> connection of disjoint nodes could potentially overcome Bulatov.*

  
TUAN DAM  
SUPERVISORY PATENT EXAMINER

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
Examiner's signature, if required

## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

#### Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

Atty Docket No. 10015452-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s):	Jun Li et al.	Confirmation	4628
U.S. Serial No.:	10/073,850	Examiner:	James D. Ruten
Filed:	February 11, 2002	Group Art	2192
For:	HYPERBOLIC TREE SPACE DISPLAY OF COMPUTER SYSTEM MONITORING AND ANALYSIS DATA		

**MAIL STOP AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PROPOSED AGENDA FOR OFFICE INTERVIEW SCHEDULED**  
**FOR MARCH 2, 2006, AT 10:00AM**

In preparation for the above-captioned scheduled Office Interview to discuss the final Office Action dated January 17, 2006, please find below an agenda for the discussion.

Objection to Specification

As suggested by the Examiner, the embedded hyperlink <http://www.inxight.com> in paragraph [0190] is proposed to be deleted.

Rejection Under 35 U.S.C. 112, second paragraph

Claim 22 is fully supported by the original disclosure. See at least paragraphs [0187] to [0190], particularly paragraph [0190], line 4.

Rejection Under 35 U.S.C. 102(b) as anticipated by Bulatov

**PATENT**

Atty Docket No.: 10015452-1

App. Ser. No.: 10/073,850

Bulatov states,

"The Hyperbolic Browser represents all methods, classes and packages as a tree."

Thus, all methods, classes, and packages are represented in a *single tree*. (Para. 5).

Bulatov also states,

"All tree is represented by 3 levels of nodes: packages (blue cyrcles), classes (green cyrcles), methods(pink cyrcles)." (Para. 6).

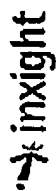
Thus, Bulatov reaffirms that *a single tree* is used to display all 3 levels of nodes, including the methods nodes.

Bulatov also states,

"Clicking by mouse over a method's cyrcle causes drawing of bounds, which connect this method with its callers (yellow hyperlines) and callees (white hyperlines)." (Para. 8).

Thus, when a user clicks on a method in the *single hyperbolic tree*, the display merely expands out the *same tree* with yellow and white hyperlines to respectively show the method's callers and callees. See an example of such hyperbolic browser from [www.inxight.com](http://www.inxight.com), as attached herewith (2 pages). Therefore, the tree expansion by clicking a method's circle does not generate a linking graph that links two different hyperbolic trees because the expansion is of the *same hyperbolic tree*, not a different tree.

Inxight Software, Inc.



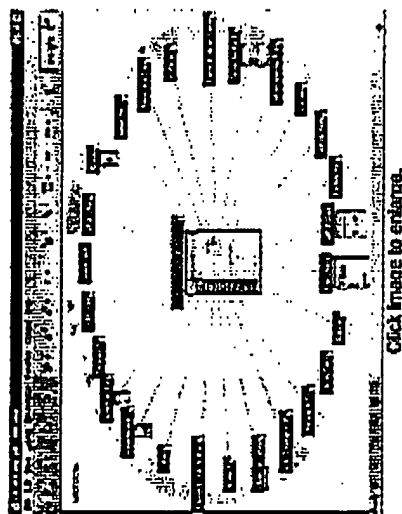
Inxight Star Tree

Star Tree Tour | Page: 1 2 3 4 5 6 7 8

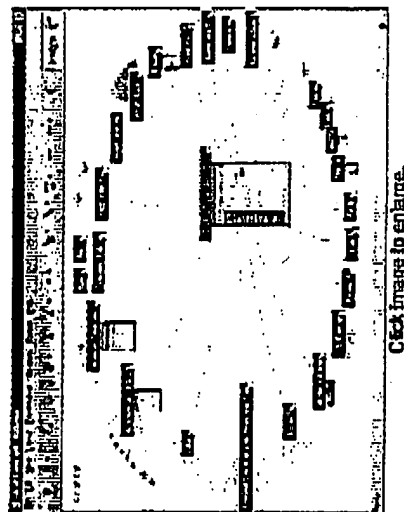
[← Previous](#) | [Next →](#)

## Part 6: Animation

Animated transitions – movements of the Star Tree as the user navigates – help keep the user oriented. As the user explores and clicks on a new region, that area expands and the previous area is defocused.

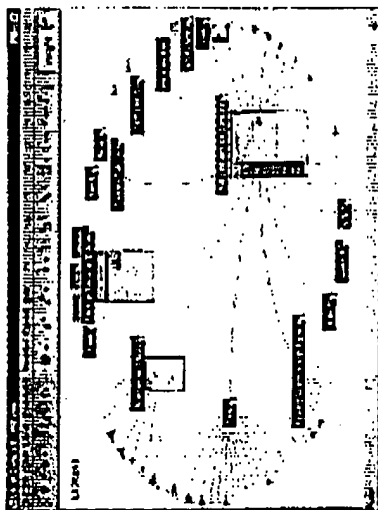


In this first screen, the user is in the "home" position. His first exploration is going to be the upper left corner where the two small thumbnail images appear.



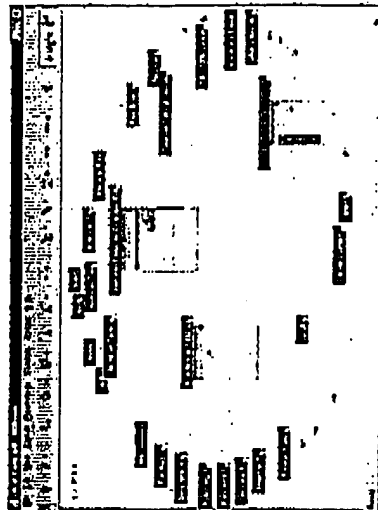
The second screen shows these two thumbnail images coming into focus and the right side of the tree getting smaller.

<http://www.inxight.com/news/inxight-software-at-2004>



Click image to enlarge.

The third and fourth screens complete the transition with the two thumbnails now taking center stage and the rest of the tree is defocused into the right hand corner.



Click image to enlarge.

The user can continue to drill down in this area, explore new areas, or return "home" to start back at the original position (first screen).

Close This Window